Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023740.D
Acq On : 27 Jan 2025 14:30
Operator : RC/JU
Sample : Q1174-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2934

Quant Time: Jan 27 22:00:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	599856	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	2589751	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.422	164	1671584	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	3249465	20.000	ng/ul	0.00
79) Chrysene-d12	21.680	240	3177155	20.000	ng/ul	0.00
88) Perylene-d12	25.086	264	3490637	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	65420	4.393	ng/uL	0.00
4) Pyridine-d5	3.717	84	496680	11.557	ng/ul	0.01
7) Phenol-d5	6.969	99	595417	11.731	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.128	67	943988	32.926	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	1367129	35.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	1045588	26.197	ng/ul	0.02
21) Nitrobenzene-d5	8.934	128	737026	37.773	ng/ul	0.00
24) 2-Nitrophenol-d4	9.652	143	818952	45.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	1525135	40.561	ng/ul	0.01
31) 4-Chloroaniline-d4	10.751	131	445899	7.415	ng/ul	0.06
46) Dimethylphthalate-d6	13.828	166	4202640	34.959	ng/ul	0.01
49) Acenaphthylene-d8	14.110	160	5238110	37.648	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	270882	11.214	ng/ul	0.03
60) Fluorene-d10	15.428	176	3938320	38.271	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	672723	42.040	ng/ul	0.01
73) Anthracene-d10	17.316	188	6185589	39.650	ng/ul	0.00
81) Pyrene-d10	19.698	212	6761622	41.824	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.851	264	6764076	38.714	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	23007	1.460	ng/uL#	74
6) Benzaldehyde	6.940	77	37785	1.481	ng/ul	100
8) Phenol	6.999	94	5836646	109.894	ng/ul	98
13) 2-Methylphenol	8.228	108	42534	1.104	ng/ul	99
18) 4-Methylphenol	8.552	108	835115	19.488	ng/ul	96
26) 2,4-Dimethylphenol	9.746	107	211524	4.859	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	68656	2.129	ng/ul	96
48) 2,6-Dinitrotoluene	13.963	165	25920	1.204	ng/ul#	54
51) 3-Nitroaniline	14.310	138	52328	2.083	ng/ul#	17
58) 2,3,4,6-Tetrachlorophenol	15.051	232	319719	12.074	ng/ul#	92
71) Pentachlorophenol	16.857	266	118822	4.646	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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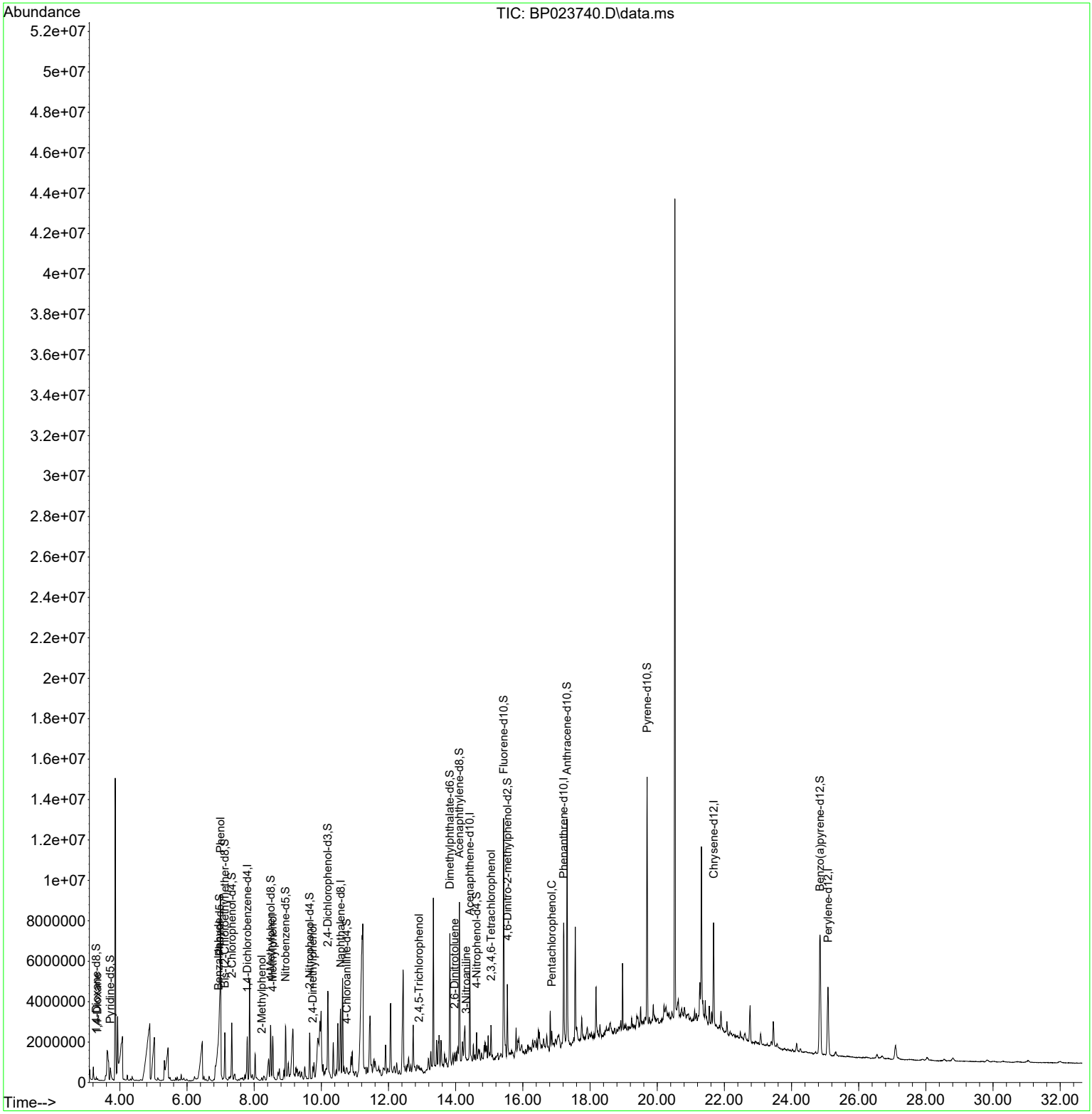
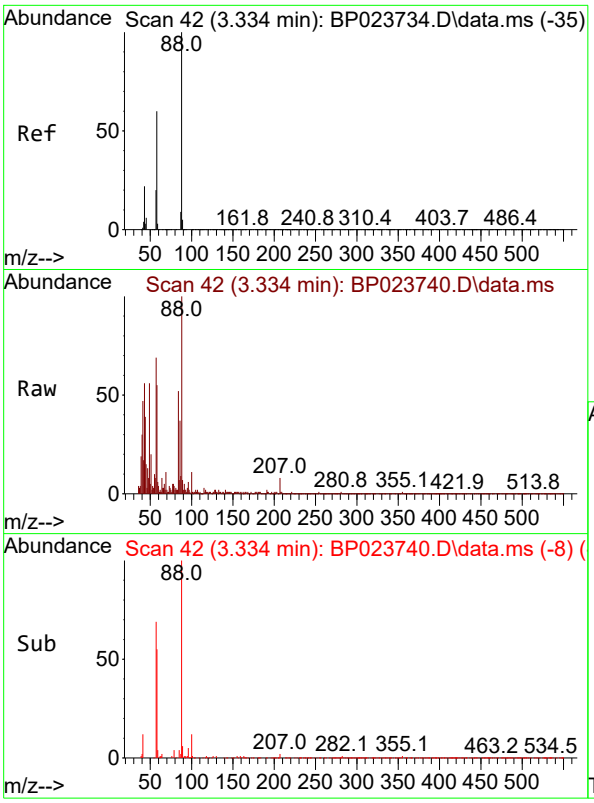


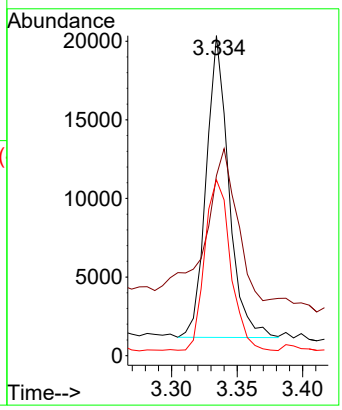


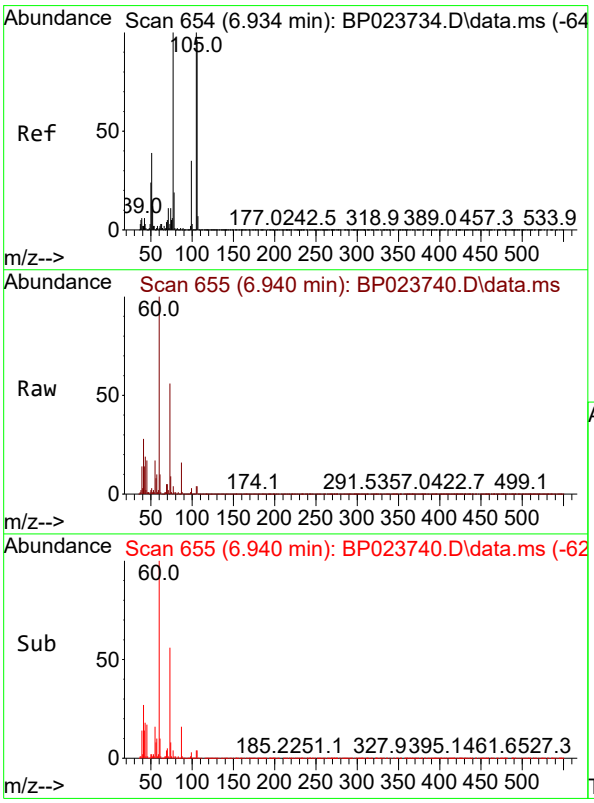
#2
1,4-Dioxane
Concen: 1.460 ng/uL
RT: 3.334 min Scan# 4
Delta R.T. 0.000 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Instrument :
BNA_P
ClientSampleId :
E2934

Tgt Ion: 88 Resp: 23007

Ion	Ratio	Lower	Upper
88	100		
43	56.3	18.3	27.5#
58	55.0	50.7	76.1

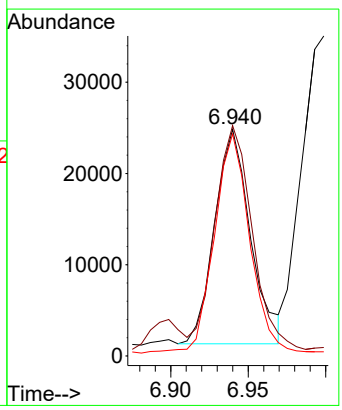


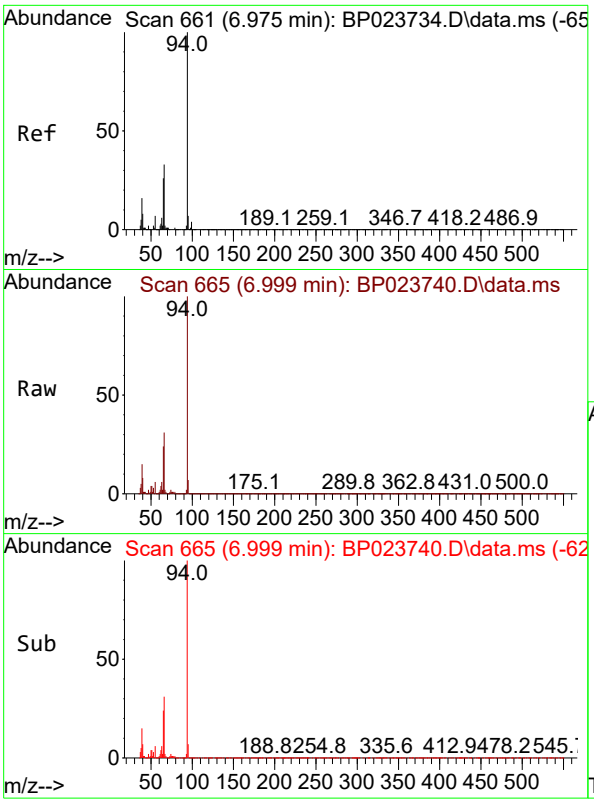


#6
Benzaldehyde
Concen: 1.481 ng/ul
RT: 6.940 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Tgt Ion: 77 Resp: 37785

Ion	Ratio	Lower	Upper
77	100		
105	101.6	81.0	121.6
106	98.0	78.6	118.0



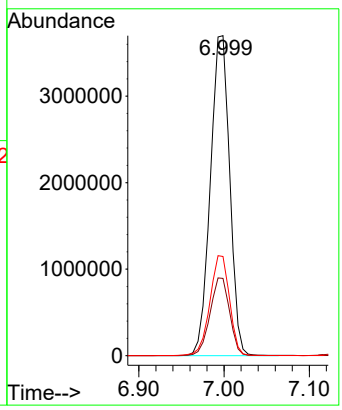


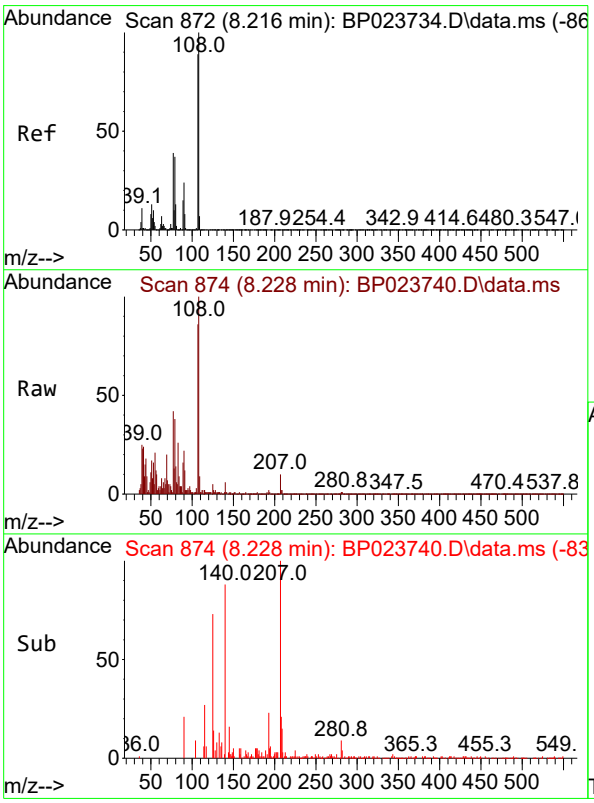
#8
Phenol
Concen: 109.894 ng/ul
RT: 6.999 min Scan# 6
Delta R.T. 0.024 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Instrument :
BNA_P
ClientSampleId :
E2934

Tgt Ion: 94 Resp: 5836646

Ion	Ratio	Lower	Upper
94	100		
65	24.1	20.2	30.2
66	31.0	26.0	39.0

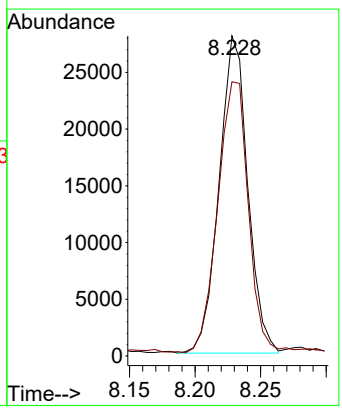


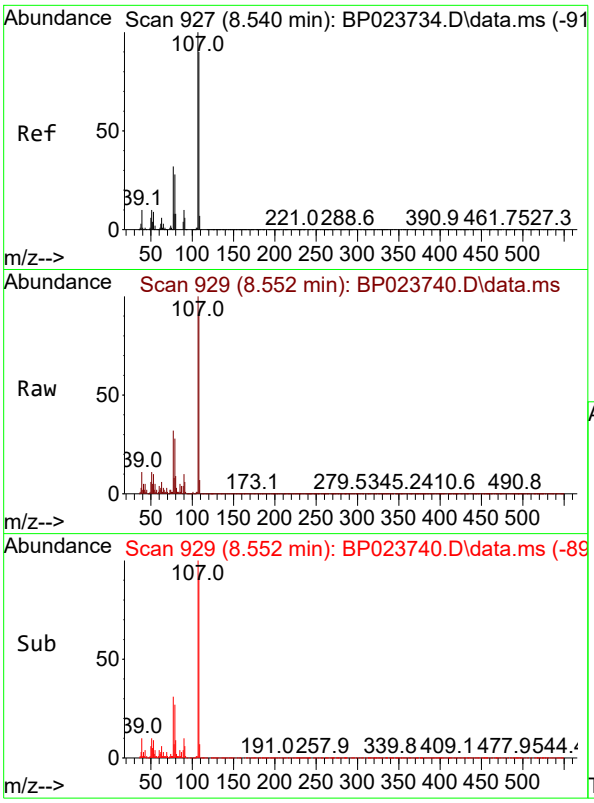


#13
2-Methylphenol
Concen: 1.104 ng/ul
RT: 8.228 min Scan# 874
Delta R.T. 0.012 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Tgt Ion:108 Resp: 42534

Ion	Ratio	Lower	Upper
108	100		
107	85.7	69.6	104.4



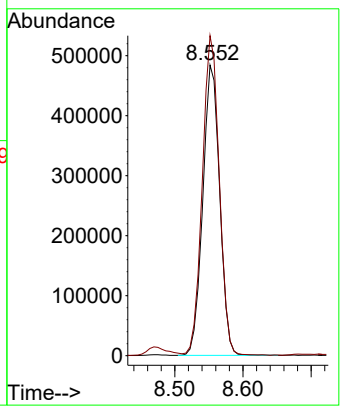


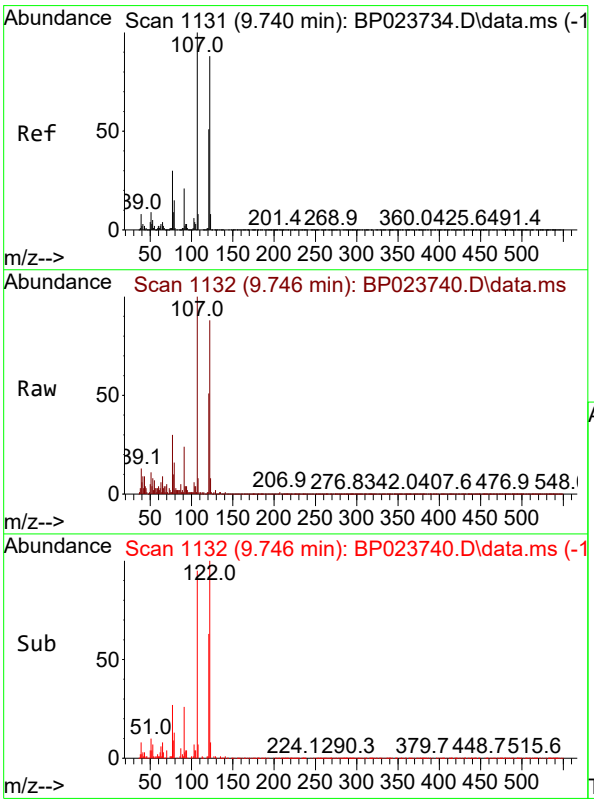
#18
4-Methylphenol
Concen: 19.488 ng/ul
RT: 8.552 min Scan# 9
Delta R.T. 0.012 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Instrument :
BNA_P
ClientSampleId :
E2934

Tgt Ion:108 Resp: 835115

Ion	Ratio	Lower	Upper
108	100		
107	110.1	91.2	136.8

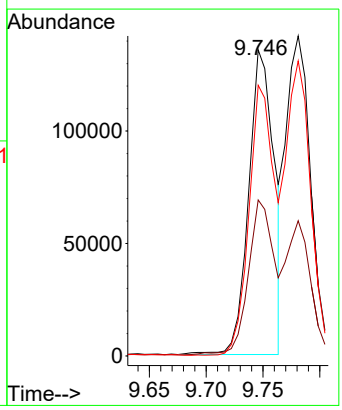


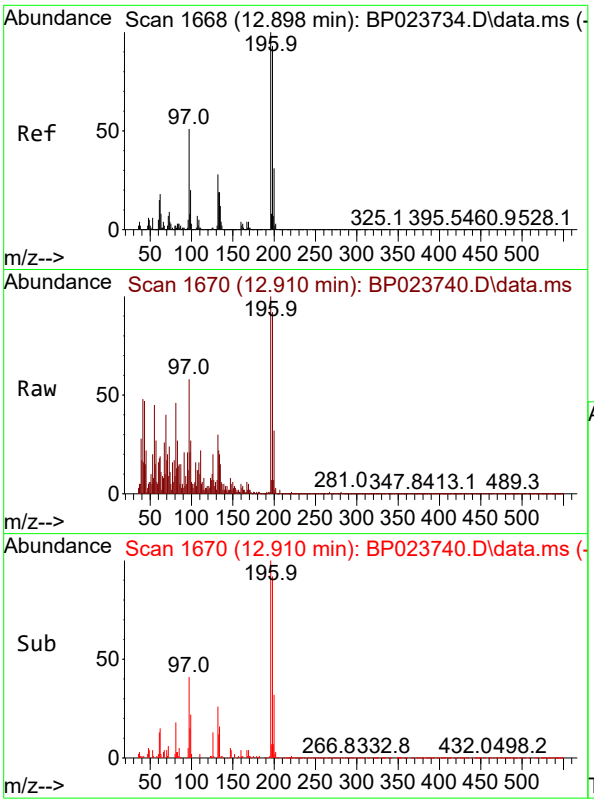


#26
2,4-Dimethylphenol
Concen: 4.859 ng/ul
RT: 9.746 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Tgt Ion:107 Resp: 211524

Ion	Ratio	Lower	Upper
107	100		
121	51.0	42.0	63.0
122	88.5	70.2	105.4



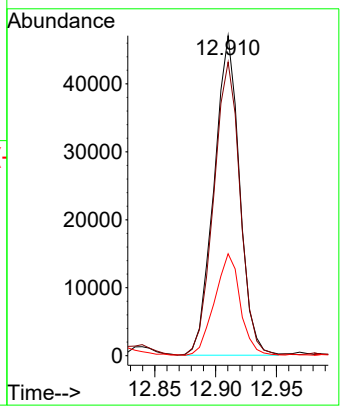


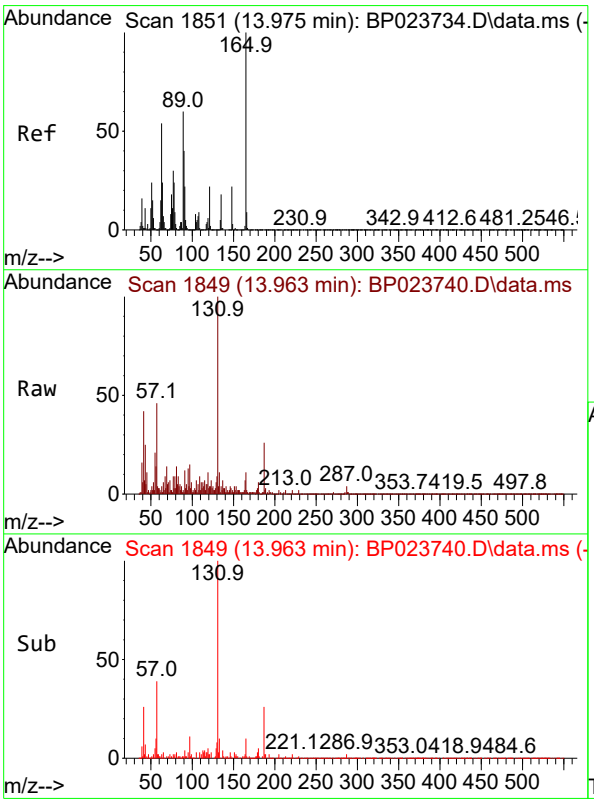
#42
2,4,5-Trichlorophenol
Concen: 2.129 ng/ul
RT: 12.910 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Instrument :
BNA_P
ClientSampleId :
E2934

Tgt Ion:196 Resp: 68656

Ion	Ratio	Lower	Upper
196	100		
198	91.7	77.4	116.2
200	31.8	25.0	37.4

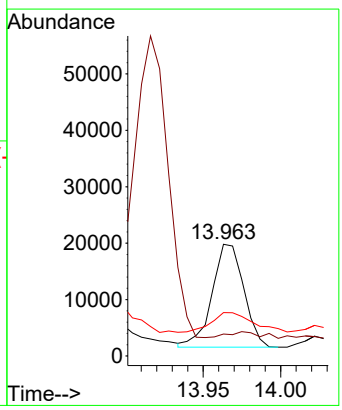


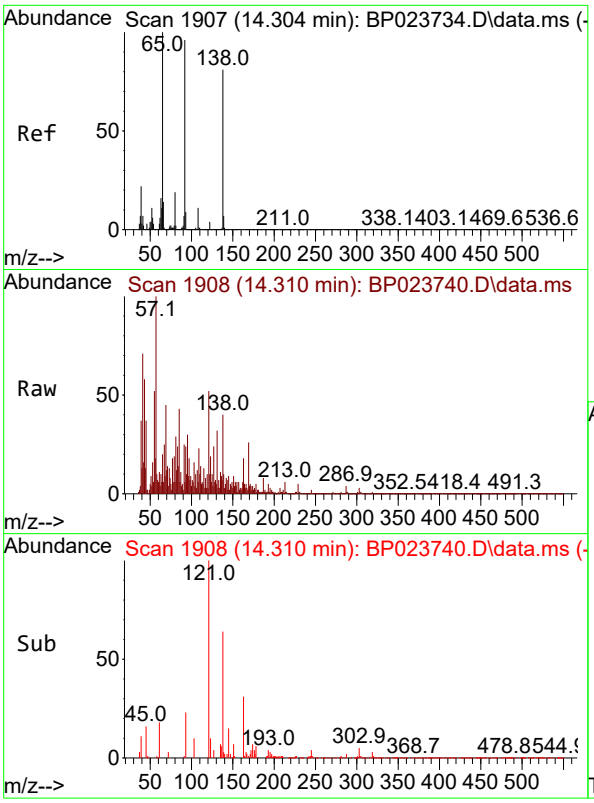


#48
2,6-Dinitrotoluene
Concen: 1.204 ng/ul
RT: 13.963 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Tgt Ion:165 Resp: 25920

Ion	Ratio	Lower	Upper
165	100		
89	19.7	44.8	67.2#
121	38.8	17.0	25.4#



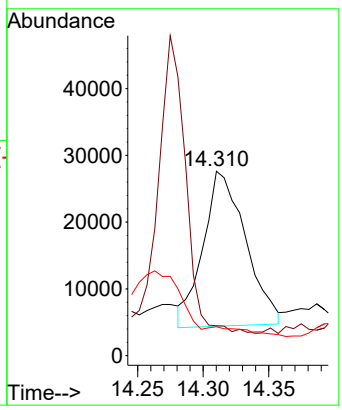


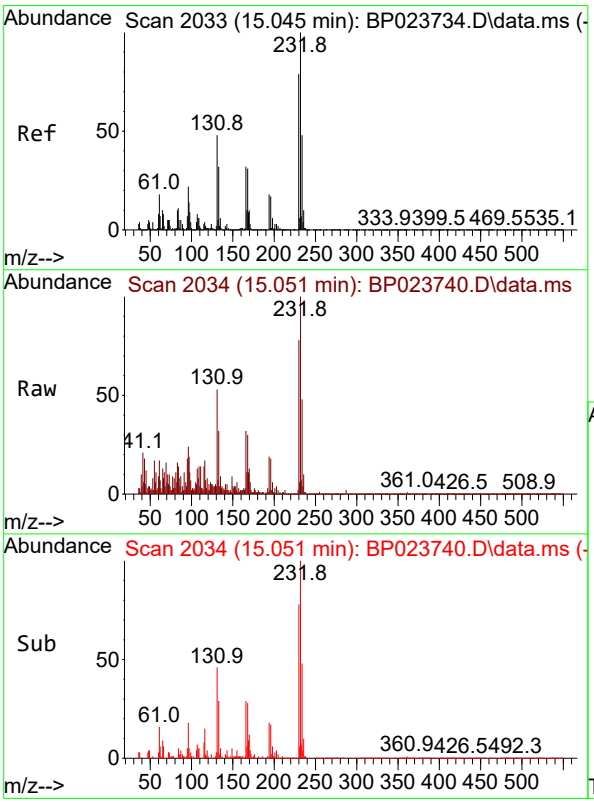
#51
3-Nitroaniline
Concen: 2.083 ng/ul
RT: 14.310 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Instrument :
BNA_P
ClientSampleId :
E2934

Tgt Ion:138 Resp: 52328

Ion	Ratio	Lower	Upper
138	100		
108	16.2	9.7	14.5#
92	15.7	89.8	134.6#

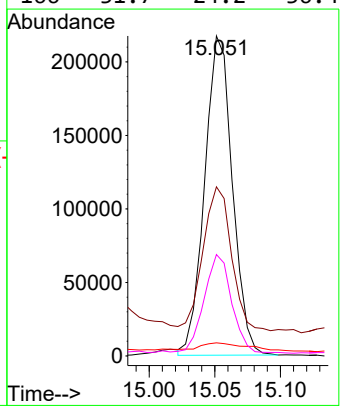


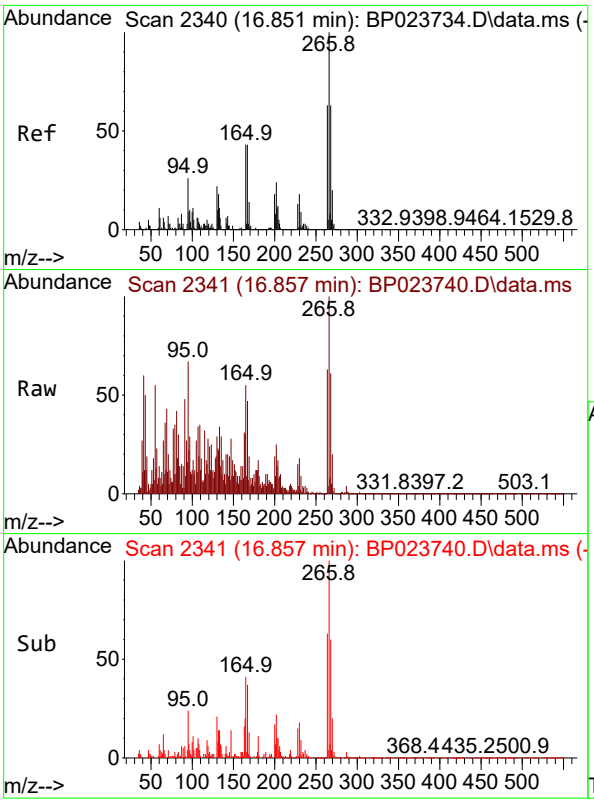


#58
2,3,4,6-Tetrachlorophenol
Concen: 12.074 ng/ul
RT: 15.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Tgt Ion:232 Resp: 319719

Ion	Ratio	Lower	Upper
232	100		
131	52.8	36.1	54.1
130	4.1	1.8	2.8#
166	31.7	24.2	36.4





#71
Pentachlorophenol
Concen: 4.646 ng/ul
RT: 16.857 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP023740.D
Acq: 27 Jan 2025 14:30

Instrument :
BNA_P
ClientSampleId :
E2934

Tgt Ion:266 Resp: 118822

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.9	76.3
268	60.6	52.2	78.4